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File: USPT

Oct 20, 1998

US-PAT-NO: 5824305DOCUMENT-IDENTIFIER: US 5824305 A

TITLE: Method of treating diseases mediated by cyclic nucleotide pathways with purified stem bromelain protease

DATE-ISSUED: October 20, 1998

INT-CL: [06] A61 K 38/46, C12 N 9/50

US-CL-ISSUED: 424/94.65; 435/219, 514/885, 514/886

US-CL-CURRENT: 424/94.65; 435/219, 514/885, 514/886

FIELD-OF-SEARCH: 435/219, 424/94.65, 514/885, 514/886

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INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mynott; Tracey Leahanne	Middlesex			GB3

US-CL-CURRENT: 424/94.65; 435/219, 514/885, 514/886

CLAIMS:

I claim:

1. A method to treat a disease or a condition mediated by cyclic nucleotide pathways, the method comprising administering to a patient in need of such treatment an effective amount of isolated and purified stem bromelain protease of the amino acid sequence of SEQ ID NO:1, wherein said disease or condition is not diarrhoea.
2. A method of claim 1 wherein the disease or condition is selected from the group consisting of cancer, inflammation, atherosclerosis and bacterial infection.
3. A method of claim 2 wherein the bacterial infection is selected from the group consisting of diphtheria and pertussis.